## Jun Cheng

List of Publications by Year in descending order

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#	Article	IF	CITATIONS
1	Chinese cave records and the East Asia Summer Monsoon. Quaternary Science Reviews, 2014, 83, 115-128.	3.0	452
2	Ice-shelf collapse from subsurface warming as a trigger for Heinrich events. Proceedings of the National Academy of Sciences of the United States of America, 2011, 108, 13415-13419.	7.1	278
3	Correlation and anti-correlation of the East Asian summer and winter monsoons during the last 21,000 years. Nature Communications, 2016, 7, 11999.	12.8	135
4	Younger Dryas cooling and the Greenland climate response to CO <sub>2</sub> . Proceedings of the National Academy of Sciences of the United States of America, 2012, 109, 11101-11104.	7.1	85
5	Possible obliquity-forced warmth in southern Asia during the last glacial stage. Science Bulletin, 2021, 66, 1136-1145.	9.0	71
6	Deglacial δ180 and hydrologic variability in the tropical Pacific and Indian Oceans. Earth and Planetary Science Letters, 2014, 387, 240-251.	4.4	69
7	Juxtaposition of Western Pacific Subtropical High on Asian Summer Monsoon Shapes Subtropical East Asian Precipitation. Geophysical Research Letters, 2020, 47, e2019GL084705.	4.0	50
8	Seasonal imprint of Holocene temperature reconstruction on the Tibetan Plateau. Earth-Science Reviews, 2022, 226, 103927.	9.1	47
9	Vegetation feedback causes delayed ecosystem response to East Asian Summer Monsoon Rainfall during the Holocene. Nature Communications, 2021, 12, 1843.	12.8	42
10	Reduced interdecadal variability of Atlantic Meridional Overturning Circulation under global warming. Proceedings of the National Academy of Sciences of the United States of America, 2016, 113, 3175-3178.	7.1	38
11	Critical transitions in Chinese dunes during the past 12,000 years. Science Advances, 2020, 6, eaay8020.	10.3	38
12	The Position of the Current Warm Period in the Context of the Past 22,000ÂYears of Summer Climate in China. Geophysical Research Letters, 2021, 48, e2020GL091940.	4.0	27
13	Beach ridges of Dali Lake in Inner Mongolia reveal precipitation variation during the Holocene. Journal of Quaternary Science, 2020, 35, 716-725.	2.1	23
14	On the stability of the Atlantic meridional overturning circulation during the last deglaciation. Climate Dynamics, 2015, 44, 1257-1275.	3.8	19
15	Paleoclimate Significance of Reconstructed Rainfall Isotope Changes in Asian Monsoon Region. Geophysical Research Letters, 2021, 48, e2021GL092460.	4.0	14
16	Varying Sensitivity of East Asia Summer Monsoon Circulation to Temperature Change Since Last Glacial Maximum. Geophysical Research Letters, 2019, 46, 9103-9109.	4.0	12
17	Response of North Pacific and North Atlantic decadal variability to weak global warming. Advances in Climate Change Research, 2018, 9, 95-101.	5.1	9
18	Evolving AMOC multidecadal variability under different CO2 forcings. Climate Dynamics, 2021, 57, 593-610.	3.8	6

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19	Model–proxy comparison for overshoot phenomenon of Atlantic thermohaline circulation at BÃ,lling–AllerÃ,d. Science Bulletin, 2014, 59, 4510-4515.	1.7	5
20	Responses and mechanisms of East Asian winter and summer monsoons to weakened Atlantic meridional overturning circulation using the FGOALSâ€g2 model. International Journal of Climatology, 2018, 38, 2618-2626.	3.5	5
21	A quantitative reconstruction of Holocene annual precipitation in the marginal zone of the East Asian summer monsoon. Palaeogeography, Palaeoclimatology, Palaeoecology, 2022, 596, 110968.	2.3	5
22	Model evidence for climatic impact of thermohaline circulation on China at the century scale. Science Bulletin, 2010, 55, 3215-3221.	1.7	4
23	Simulated Two-Stage Recovery of Atlantic Meridional Overturning Circulation During the Last Deglaciation. Geophysical Monograph Series, 2011, , 75-92.	0.1	4
24	Potential forcings of summer temperature variability of the southeastern Tibetan Plateau in the past 12â€ <sup>-</sup> ka. Journal of Asian Earth Sciences, 2018, 159, 34-41.	2.3	4
25	Migration of Afro-Asian Monsoon Fringe Since Last Glacial Maximum. Frontiers in Earth Science, 2020, 8, .	1.8	4
26	Spatial variation of East Asian winter monsoon evolution between northern and southern China since the last glacial maximum. Quaternary Research, 2021, 103, 99-112.	1.7	3
27	Reconstructing changes in Atlantic thermohaline circulation during the 20th century under two possible scenarios. Science China Earth Sciences, 2013, 56, 258-269.	5.2	2
28	Reduced connection between the East Asian Summer Monsoon and Southern Hemisphere Circulation on interannual timescales under intense global warming. Climate Dynamics, 2018, 51, 3943-3955.	3.8	1
29	Large training dataset is crucial for analogue-based precipitation reconstruction during the early Holocene. Science Bulletin, 2022, , .	9.0	1
30	Reply to Parker: Robust response of AMOC interdecadal variability to future intense warming. Proceedings of the National Academy of Sciences of the United States of America, 2016, 113, E2762-E2763.	7.1	0
31	Evaluation and projection of the AMO and PDO variabilities in the CMIP5 models under different warming scenarios part2: Projection. Dynamics of Atmospheres and Oceans, 2022, 99, 101312.	1.8	0